

# Converting Colors

Hex(6B1D5E)

Have a look what the booklet for  
Hex(6B1D5E) contains.

<b>Hex(6B1D5E)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(6B1D5E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6B1D5E
RGB	107, 29, 94
RGB Percent	42%, 11%, 37%
CMY	0.5804, 0.8863, 0.6314
CMYK	0.00, 0.73, 0.12, 0.58
HSL	310°, 57%, 27%
HSV	310°, 73%, 42%
XYZ	8.5231, 4.8127, 11.0694
YIQ	59.7320, 25.6230, 36.7510

# Conversions

## Conversions Part 2

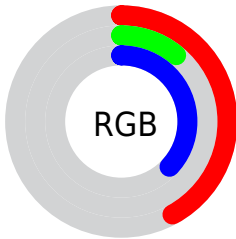
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	107, 29, 94
Decimal	7019870
CIE <sub>Lab</sub>	26.19, 41.93, -20.59
CIE <sub>LCh</sub>	26, 46.712, 333.839
Yxy	4.8127, 0.3492, 0.1972
Android (android.graphics.Color)	4285209950 (0xFF6B1D5E)
YUV	59.7320, 16.8941, 41.4540
Hunter-Lab	21.9378, 30.9585, -14.5601

# Details

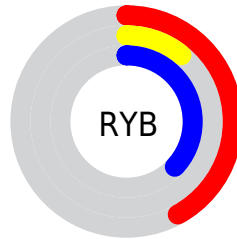
The Hex color **6B1D5E** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **1D6B2A**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **A15191**, and **380030** is the 20% darker color. If you saturate the color by 10%, you get **6B125C**, and if you desaturate by 10%, it is **6B2860**.

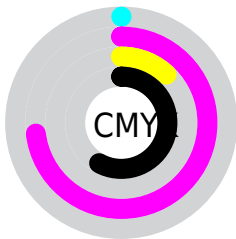
# Distribution



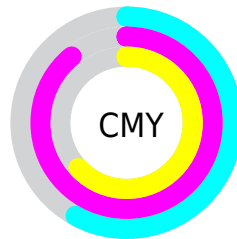
- Red (42%)
- Green (11%)
- Blue (37%)



- Red (42%)
- Yellow (11%)
- Blue (37%)



- Cyan (0%)
- Magenta (73%)
- Yellow (12%)
- Black (58%)



- Cyan (58%)
- Magenta (89%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6B1D5E changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 6B1D5E by changing the saturation by 10% instead.



 6B1D5E

 6B1D5E

FFFFFF

 510046

 A15191

 380030

 BD6AAB

 21001B

 D985C7

 000000

 F6A0E3

 FFBBFF

 FFD8FF

 FFF4FF

 6B1D5E

 6B1D5E

■ 6B125C

■ 6B2860

■ 6B085A

■ 6B3262

■ 6B0059

■ 6B3D63

■ 6B4865

■ 6B5267

■ 6B5D69

■ 6B686A

■ 6B736C

■ 6B7D6E

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



41327A



6B1D5E



7B0E3B

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



6B1D5E



493E00



004D65

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



6B1D5E



1D6B2A

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



004D42



6B1D5E



234700

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



6B1D5E



653000



004B1C



004A7E

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



6B1D5E



7A1524



004B1C



004D5A



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



6B1D5E



8C6D87



2A1D6B



473544



C7C7C7



474747



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



6B1D5E



8C1278



6B1D37



363035



750062



F500CC



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



6B1D5E



8C1278



1D6B51



363035



750062

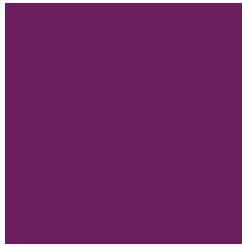


F500CC



# Previews

## White Background



This preview shows how the Hex color 6B1D5E looks on a white background.

## Color Contrast Check

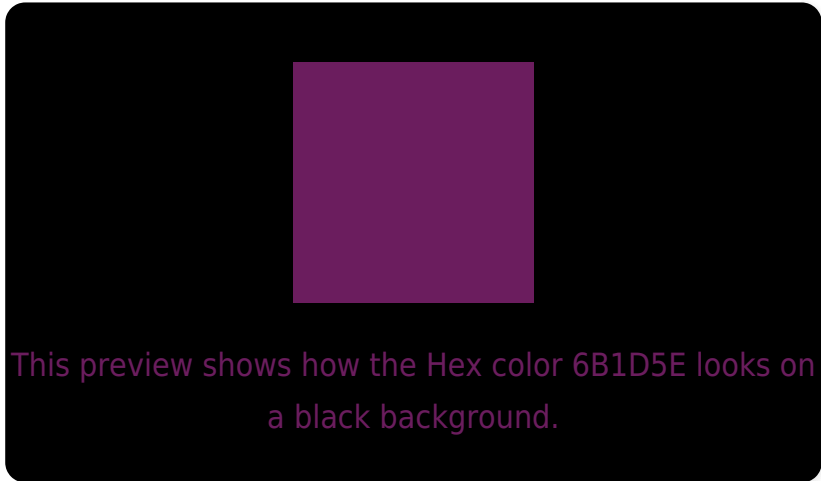
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

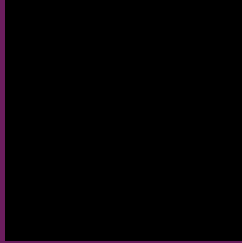
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6B1D5E Background



This preview shows how black text looks on a background with the Hex color 6B1D5E.

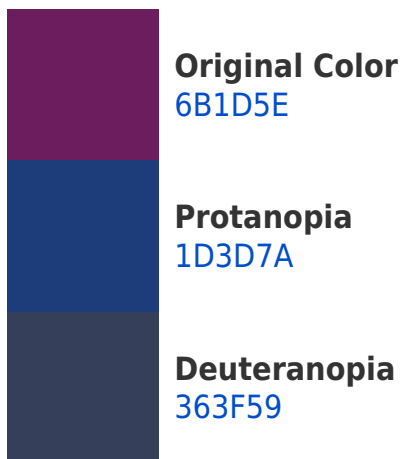


This preview shows how white text looks on a background with the Hex color 6B1D5E.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





**Tritanopia**  
662C2F

# Trichromacy



**Original Color**  
6B1D5E

**Protanomaly**  
393170

**Deuteranomaly**  
49335B

**Tritanomaly**  
682740

# Monochromacy



**Original Color**  
6B1D5E

**Achromatopsia**  
3C3C3C

**Achromatomaly**  
4D3148

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6B1D5E is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #6B1D5E looks like.

```
.text, #text, p{  
    color:#6B1D5E  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #6B1D5E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B1D5E
}
```

## Border

The CSS property to change the border of an element to Hex 6B1D5E is called "border". The border property can be set on classes, ids or directly on the HTML element.

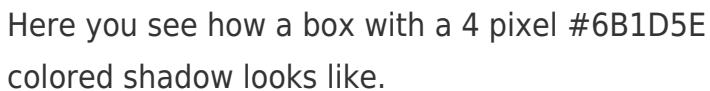
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B1D5E }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#6B1D5E }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #6B1D5E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B1D5E; -webkit-box-shadow:4px 4px  
4px 4px #6B1D5E; box-shadow:4px 4px 4px  
4px #6B1D5E }
```

# Background

The CSS property to change the background color of an element to Hex 6B1D5E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B1D5E }
```

If only the background color should be changed can be used:

```
.background{ background-color:#6B1D5E }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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